

Title (en)

Communication means and method allowing a precise timing of an event

Title (de)

Genaue Datierung eines Vorfalles erlaubendes Kommunikationsverfahren und Vorrichtung dazu

Title (fr)

Dispositif et procédé de communication permettant une datation précise d'événements

Publication

EP 0840185 A1 19980506 (FR)

Application

EP 97410116 A 19971017

Priority

FR 9613701 A 19961105

Abstract (en)

The system consists of a central station (1) equipped with a clock (2), a data processor (3) and a series of remote stations (6e,6d) on a network (4). When a synchronising frame is initiated at the central station the transmission time representing a delay (EC1) is stored in a memory (11). When the synchronising frame is received at a remote station (6d) the time taken to process it's reception (EC2) is added to the time of initiation (CK1) to produce a synchronised local time (17). When subsequent events are reported to the central station by the remote station the central station transmission delay (EC1) stored in memory (11) is added to the synchronous time to produce an absolute event time (CKAEV).

Abstract (fr)

Le dispositif de communication comporte une centrale (1) et des stations reliées par un réseau (4). La centrale (1) comporte des premiers moyens (10, 11, 12) pour corriger les effets du temps de traitement de l'émission d'une trame de synchronisation. Une station (6d) comporte des seconds moyens de correction (15, 16) pour corriger les effets du temps de traitement de la réception de ladite trame de synchronisation, et des moyens de gestion (17) d'une heure locale. Des événements datés en heure locale par la station sont, ensuite, corrigés et datés en heure absolue dans la centrale. <IMAGE>

IPC 1-7

G04G 7/00

IPC 8 full level

G04G 7/00 (2006.01)

CPC (source: EP)

G04G 7/00 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0840185 A1 19980506; EP 0840185 B1 20020410; DE 69711806 D1 20020516; DE 69711806 T2 20020926; FR 2755557 A1 19980507; FR 2755557 B1 19981231

DOCDB simple family (application)

EP 97410116 A 19971017; DE 69711806 T 19971017; FR 9613701 A 19961105